



**Board Report**

**File #:** 2019-0153, **File Type:** Contract

**Agenda Number:** 31.

**CONSTRUCTION COMMITTEE  
APRIL 18, 2019**

**SUBJECT: PROGRAM MANAGEMENT SUPPORT SERVICES**

**ACTION: APPROVE RECOMMENDATIONS**

**RECOMMENDATION**

**AUTHORIZE:**

- A. An increase to the total authorized funding for Contract No. AE35279 with Kal Krishnan Consulting Services/Triunity Engineering and Management Joint Venture (KTJV), for pending and future Contract Work Orders to provide Program Management Support Services (PMSS) in the amount of \$65,838,110, increasing the authorized funding limit from \$24,970,960 to \$90,809,070, consistent with previous action taken by the Board in June 2017 for the remaining five years of the contract, which includes exercising the option to extend the PMSS contract by two years; and
- B. The Chief Executive Officer or designee to execute individual Contract Work Orders (CWOs) and Contract Modifications within the Board approved contract funding amount.

SOLIS AMENDMENT: that the Board amends Agenda Item No. 31 to authorize funding for two years and direct Metro staff to return in April 2021 with the next request for authorization as well as a report on the contractor's performance.

**ISSUE**

In June 2017, the Board approved awarding a five-year cost reimbursable fixed fee Contract No. AE35279, plus one two-year option, to KTJV, a DBE Prime Joint Venture, for Program Management support services for a not-to-exceed amount of \$24,970,960 through Fiscal Year 2019. The Board action provided initial funding through the end of FY19 as part of a multiyear contract with an anticipated five-year base contract value of \$63,347,705 plus \$27,461,365 for the two-year option, for a combined total amount not-to-exceed \$90,809,070 for seven years.

**BACKGROUND**

To date, staff has awarded CWO/Modifications totaling \$24,120,732.10 and has approximately \$850,227.90 of the authorized funding remaining. Attachment B lists the CWO/Modifications executed over the initial two-year funded duration of the PMSS contract. Staff is now seeking the remaining funding in the amount not-to-exceed \$65,838,110 to support PMSS for the next five years of the Contract.

## **DISCUSSION**

Metro is currently undertaking the largest transportation construction program in the nation. This creates an unprecedented challenge to project delivery. Recognizing that staffing is a key factor in project delivery, Program Management is committed to developing strengths in its capacity and capability to ensure the multi-billion dollar capital program can be successfully managed. Attachment D lists the projects that we expect to support over the duration of the PMSS contract.

The PMSS Contract is utilized to assist Program Management in securing sufficient qualified resources across a broad spectrum of disciplines in a timely manner needed to manage and support delivery of Board approved projects. Metro staff works with KTJV to scale staff up or down depending on Metro's transit, highway, regional rail and other capital improvement program needs. Currently, there is a greater reliance on consultants due to the size of Metro's capital program. The Contract terms allow Metro to efficiently and effectively augment Program Management staff to ensure proper resources necessary to manage a project are available to Metro in terms of additional staff and technical expertise.

### Scope

To support the aggressive project implementation schedule for delivering Metro's Capital Program, close coordination and expertise across multiple disciplines are required in the following eight key functions: project management, program management, project delivery development support, project control, estimating, configuration management, project management and other technical training, and Project Management Information System (PMIS) support services. In addition, the scope has allowed for contract administration and small business contract compliance support, assisting Vendor/Contract Management (V/CM) to efficiently provide sufficient staffing needed to perform V/CM support activities.

Combining all the above functions together into one contract has allowed for a better coordinated and more efficient allocation of resources for Metro than would be possible under a series of separate contracts. To date, the PMSS contract has succeeded in fulfilling the consultant staffing demand on a program-wide level on various transit, regional rail, highway, and other capital improvement projects.

Contract funds are authorized by issuing separate CWOs for various projects using labor classifications and rates set forth in the contract, with funding solely supported through the Life of Project budget. This method of contracting results in more efficient cost and schedule management, since CWOs and modifications to existing CWOs are negotiated and issued as additional work is identified. For each CWO or modification, Metro prepares a scope of work and an estimate of hours, and KTJV subsequently provides a proposal. Metro and KTJV will fact-find and negotiate the hours if

there is a discrepancy. After agreement, the CWO is issued and the work proceeds.

### Consultant Services

To date, KTJV has completed and is continuing assignments on project staff augmentation (WPLE Sections 1, 2, and 3; Crenshaw/LAX; Regional Connector; Blue Line Improvements; West Santa Ana Branch, East San Fernando Valley; Eastside Access; Regional Rail; and State of Good Repair projects support), Metro Gateway staff augmentation (Program Management and Control; Environmental; Disadvantaged Business Enterprise and Small Business Enterprise Contract Compliance; and WinLA support), specialty assignments (constructability review; risk assessment support; procedure writing and training; PMIS; lessons learned/Best Management Practices implementation; and P3 capability development support), and other projects as necessary. KTJV has been responsive and works with Metro staff to provide sufficient qualified resources necessary for Program Management to meet the aggressive implementation schedule for delivering Metro's Capital Program.

## **DETERMINATION OF SAFETY IMPACT**

This Board action will not have an impact on established safety standards for Metro's capital projects.

## **FINANCIAL IMPACT**

The not-to-exceed funding amount is based on the anticipated level of services. Funding for these services is included in the adopted FY19 and proposed FY20 budget for the various Metro projects. The individual CWOs will be funded from the associated life-of-project (LOP) budgets that are approved by the Board. The project managers, cost managers and Chief Program Management Officer will be accountable for budgeting the cost in future years, including cost associated with exercising the option.

### **Impact to Budget**

There will be no impact to the FY20 Budget as funds for this action will be included in the budget for each project. Most of the projects are funded with multiple sources of funds: federal and state grants, federal loans, bonds and local sales taxes. Much of local sales taxes are eligible for bus and rail operations and capital improvements. These funds are programmed to state of good repair projects and to augment the costs of mega projects, where eligible and appropriate.

## **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Recommendation supports Strategic Plan Goal #1 - Provide high-quality mobility options that enable people to spend less time traveling. This will be accomplished by providing program-wide support services to assist in delivering multiple capital projects on time and on budget while increasing opportunities for small business development and innovation.

## **ALTERNATIVES CONSIDERED**

The Board may elect to discontinue using KTJV for PMSS. Staff does not recommend this alternative as the Program Management capital projects are in various degrees of completion and the loss of staff would cause these projects to be significantly impacted.

Another alternative would be to hire Metro staff to perform the required services. This alternative is also not recommended since the intent of the PMSS is to augment Metro staff in terms of technical expertise and availability of personnel. PMSS are typically required on a periodic or short-term basis to accommodate for peak workloads or specific tasks over the life of the projects. Further, for some projects, the specific technical expertise required may not be available within the ranks of Metro staff, whereas the KTJV consultant can provide the technical expertise on an as-needed basis.

### **NEXT STEPS**

Upon Board approval, staff will issue a Contract Modification exercising the two-year option, and issue Contract Work Orders, as needed.

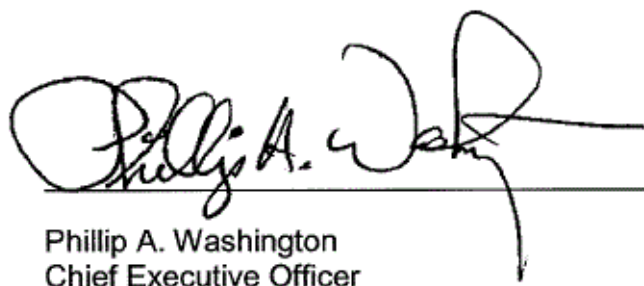
### **ATTACHMENTS**

- Attachment A - Procurement Summary
- Attachment B - Contract Work Order/Modification Log
- Attachment C - DEOD Summary
- Attachment D - Current and Anticipated List of Projects

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Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

## PROGRAM MANAGEMENT SUPPORT SERVICES (PMSS)

1.	<b>Contract Number:</b> AE35279		
2.	<b>Contractor:</b> Kal Krishnan Consulting Services/Triunity Engineering and Management Joint Venture (KTJV)		
3.	<b>Mod. Work Description:</b> Funding for additional Contract Work Orders for projects listed in Attachment D – Current and Anticipated List of Projects		
4.	<b>Contract Work Description:</b> Program Management Support Services		
5.	<b>The following data is current as of:</b> March 20, 2019		
6.	<b>Contract Completion Status</b>		<b>Financial Status</b>
	<b>Contract Awarded:</b>	June 22, 2017	<b>Original authorized funding limit:</b> \$ 24,970,960.00
	<b>Contract Executed Date:</b>	August 18, 2017	<b>Total of Contract Work Orders and Modifications Approved:</b> \$ 24,120,732.10
	<b>Original Completion Date:</b>	August 18, 2022	<b>Proposed and Pending Contract Work Orders and Modifications (including this action):</b> \$ 66,688,337.90
	<b>Current Est. Completion Date:</b>	August 18, 2024	<b>Total authorized funding limit (with this action):</b> \$ 90,809,070.00
7.	<b>Contract Administrator:</b> Robert Romanowski		<b>Telephone Number:</b> (213) 922-2633
8.	<b>Project Manager:</b> Mayumi Lyon		<b>Telephone Number:</b> (213) 922-4020

**A. Procurement Background**

On June 22, 2017, the Board approved award of Contract No. AE35279 to Kal Krishnan Consulting Services/Triunity Engineering and Management Joint Venture (KTJV) for five years with funding approval through FY2019 in the amount of \$24,970,960.00, for the Scope of Work included in the Program Management Support Services (PMSS) Contract.

Attachment B shows that 28 Contract Work Orders and their Modifications have been issued to date to authorize and/or delete work, totaling \$24,120,732.10.

This Board Action is to approve an increase to the total authorized funding for Contract No. AE35279 in support of additional Program Management Support Services (PMSS) needs and to exercise the two-year option to extend the period of performance through August 18, 2024.

## **B. Cost/Price Analysis**

All direct labor rates as modified by the annual economic price adjustment and the negotiated fixed fee factor for this cost reimbursable plus fixed fee contract remain unchanged from the original contract.

A fair and reasonable price for all future Contract Work Orders will be determined based upon fact finding, scope definition, technical evaluation, cost analysis, and negotiations before issuing work to the Consultant. Contract Work Orders will be processed in accordance with Procurement Policies and Procedures, within the additional funding requested.

## CONTRACT WORK ORDER / MODIFICATION LOG



Metro Professional Services Agreement Status Report by  
CWO Date  
Project Listing

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Date: 03/20/2019 10:50 am

Contract: AE35279		Program Management Support Services		To: KKCS/TRIUNITY JV			COST: \$24,970,960				
Project Number	CWO No.	Approval Date	Description	Total Cost	Apprvd Changes	Pending Changes	Revised Contract Sum	Start Date	Completion Date	Revised Date	Status
APP											
460324	AE35279-001	08/31/2017	Program-wide Management Support Services	\$0.00	\$57,879.72	\$0.00	\$57,879.72	08/21/2017	06/30/2018	06/30/2018	APP
205108	AE35279-001	08/31/2017	Program-wide Management Support Services	\$0.00	\$28,839.28	\$0.00	\$28,839.28	08/21/2017	06/30/2018	06/30/2018	APP
210151	AE35279-001	08/31/2017	Program-wide Management Support Services	\$0.00	\$28,851.22	\$0.00	\$28,851.22	08/21/2017	06/30/2018	06/30/2018	APP
100800	AE35279-001	08/31/2017	Program-wide Management Support Services	\$645,684.71	\$833,984.87	\$0.00	\$1,479,669.58	08/21/2017	06/30/2018	06/30/2018	APP
205115	AE35279-001	08/31/2017	Program-wide Management Support Services	\$0.00	\$28,839.28	\$0.00	\$28,839.28	08/21/2017	06/30/2018	06/30/2018	APP
212121	AE35279-002	09/18/2017	Constructability Evaluation and Risk Assessment Review	\$114,797.62	\$0.00	\$0.00	\$114,797.62	09/18/2017	11/17/2017	11/17/2017	APP
100800	AE35279-002	09/18/2017	Constructability Evaluation and Risk Assessment Review	\$0.00	\$20,836.95	\$0.00	\$20,836.95	09/18/2017	11/17/2017	11/17/2017	APP
865523	AE35279-003	09/12/2017	Project Delivery Development Support	\$196,000.00	\$204,561.00	\$0.00	\$400,561.00	08/28/2017	06/30/2018	06/30/2018	APP
865522	AE35279-003	09/12/2017	Project Delivery Development Support	\$84,000.00	\$10,000.00	\$0.00	\$94,000.00	08/28/2017	06/30/2018	06/30/2018	APP
100800	AE35279-003	09/12/2017	Project Delivery Development Support	\$20,000.00	\$10,000.00	\$0.00	\$30,000.00	08/28/2017	06/30/2018	06/30/2018	APP
865512	AE35279-004	09/15/2017	Crenshaw/LAX & Southwestern Yard Projects - Program	\$846,196.05	\$1,359,409.11	\$0.00	\$2,205,605.16	08/28/2017	06/30/2018	06/30/2018	APP
860003	AE35279-004	09/15/2017	Crenshaw/LAX & Southwestern Yard Projects - Program	\$211,549.01	\$1,029,737.35	\$0.00	\$1,241,286.36	08/28/2017	06/30/2018	06/30/2018	APP
100058	AE35279-005	09/29/2017	Project Management Information System (PMIS) Ongoing	\$0.00	\$74,826.00	\$0.00	\$74,826.00	09/01/2017	12/31/2017	12/31/2017	APP
100800	AE35279-005	09/29/2017	Project Management Information System (PMIS) Ongoing	\$451,825.10	\$721,921.27	\$0.00	\$1,173,746.37	09/01/2017	12/31/2017	12/31/2017	APP
865518	AE35279-006	09/19/2017	Westside Purple Line Extension Section 1 - Program Con	\$919,952.06	\$703,774.42	\$0.00	\$1,623,726.48	09/01/2017	06/30/2018	06/30/2018	APP
865522	AE35279-007	09/19/2017	Westside Purple Line Extension Section 2 - Program Con	\$627,112.16	\$262,197.39	\$0.00	\$889,309.55	09/05/2017	06/30/2018	06/30/2018	APP
450001	AE35279-008	09/13/2017	Environmental Compliance and Sustainability - Program	\$76,234.69	\$98,168.17	\$0.00	\$174,402.86	08/28/2017	06/30/2018	06/30/2018	APP
450002	AE35279-008	09/13/2017	Environmental Compliance and Sustainability - Program	\$76,234.70	\$98,168.18	\$0.00	\$174,402.88	08/28/2017	06/30/2018	06/30/2018	APP
450003	AE35279-008	09/13/2017	Environmental Compliance and Sustainability - Program	\$76,234.69	\$98,168.18	\$0.00	\$174,402.87	08/28/2017	06/30/2018	06/30/2018	APP
450004	AE35279-008	09/13/2017	Environmental Compliance and Sustainability - Program	\$76,234.69	\$98,168.18	\$0.00	\$174,402.87	08/28/2017	06/30/2018	06/30/2018	APP
300012	AE35279-008	09/13/2017	Environmental Compliance and Sustainability - Program	\$76,234.70	\$98,168.17	\$0.00	\$174,402.87	08/28/2017	06/30/2018	06/30/2018	APP
202212	AE35279-008	09/13/2017	Environmental Compliance and Sustainability - Program	\$76,234.71	\$98,168.17	\$0.00	\$174,402.88	08/28/2017	06/30/2018	06/30/2018	APP
860228	AE35279-009	09/19/2017	Regional Connector Transit Project - Program Control Su	\$368,983.64	\$307,565.00	\$0.00	\$676,548.64	09/01/2017	06/30/2018	06/30/2018	APP
100800	AE35279-010	09/21/2017	Project Management Information System (PMIS) - Unifier	\$245,165.16	\$0.00	\$0.00	\$245,165.16	09/01/2017	12/31/2017		APP
865523	AE35279-011	10/13/2017	Contract Compliance Monitoring Support Services	\$0.00	\$344,196.00	\$0.00	\$344,196.00	10/16/2017	06/30/2018	06/30/2018	APP
865518	AE35279-011	10/13/2017	Contract Compliance Monitoring Support Services	\$196,750.28	\$242,965.50	\$0.00	\$439,715.78	10/16/2017	06/30/2018	06/30/2018	APP
865512	AE35279-011	10/13/2017	Contract Compliance Monitoring Support Services	\$104,722.00	\$138,892.00	\$0.00	\$243,614.00	10/16/2017	06/30/2018	06/30/2018	APP
860228	AE35279-011	10/13/2017	Contract Compliance Monitoring Support Services	\$114,242.13	\$120,373.00	\$0.00	\$234,615.13	10/16/2017	06/30/2018	06/30/2018	APP
860003	AE35279-011	10/13/2017	Contract Compliance Monitoring Support Services	\$104,722.00	\$138,892.00	\$0.00	\$243,614.00	10/16/2017	06/30/2018	06/30/2018	APP
865522	AE35279-011	10/13/2017	Contract Compliance Monitoring Support Services	\$114,242.13	\$122,592.50	\$0.00	\$236,834.63	10/16/2017	06/30/2018	06/30/2018	APP
100058	AE35279-012	11/01/2017	Program Management Support Services	\$0.00	\$379,785.00	\$0.00	\$379,785.00	12/01/2017	12/31/2018		APP
860228	AE35279-012	11/30/2017	Project Management Information System Enhancement I	\$0.00	\$78,609.00	\$0.00	\$78,609.00	12/01/2017	12/31/2018	12/31/2018	APP
100055	AE35279-012	11/30/2017	Project Management Information System Enhancement I	\$0.00	\$78,609.00	\$0.00	\$78,609.00	12/01/2017	12/31/2018	12/31/2018	APP
100800	AE35279-012	11/30/2017	Project Management Information System Enhancement I	\$1,919,948.74	\$499,224.00	\$0.00	\$2,419,172.74	12/01/2017	12/31/2018	12/31/2018	APP
865523	AE35279-012	11/30/2017	Project Management Information System Enhancement I	\$0.00	\$78,609.00	\$0.00	\$78,609.00	12/01/2017	12/31/2018	12/31/2018	APP
100800	AE35279-013	11/15/2017	Los Angeles Construction Market Analysis	\$266,134.23	\$0.00	\$0.00	\$266,134.23	11/17/2017	04/30/2018	04/30/2018	APP
460201	AE35279-014	12/28/2017	West Santa Ana Branch (WSAB) P3 Technical Advisory	\$0.00	\$2,310,838.15	\$0.00	\$2,310,838.15	01/02/2018	03/15/2018	03/15/2018	APP
405701	AE35279-014	12/28/2017	West Santa Ana Branch (WSAB) P3 Technical Advisory	\$203,546.08	\$11,322.06	\$0.00	\$214,868.14	01/02/2018	03/15/2018	03/15/2018	APP
460324	AE35279-015	12/13/2017	Program Control Support Services on Bus & Rail Capital	\$48,036.10	\$66,794.00	\$0.00	\$114,830.10	12/18/2017	06/30/2018	06/30/2018	APP
202317	AE35279-015	12/13/2017	Program Control Support Services on Bus & Rail Capital	\$48,036.11	\$66,794.00	\$0.00	\$114,830.11	12/18/2017	06/30/2018	06/30/2018	APP

CONTRACT WORK ORDER / MODIFICATION LOG



Metro Professional Services Agreement Status Report

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Date: 03/20/2019 10:50 am

Contract: AE35279		Program Management Support Services			To: KKCS/TRIUNITY JV			COST: \$24,970,960			
Project Number	CWO No.	Approval Date	Description	Total Cost	Apprvd Changes	Pending Changes	Revised Contract Sum	Start Date	Completion Date	Revised Date	Status
APP											
405523	AE35279-016	12/27/2017	I-405 Widening Project Closeout Support	\$391,957.37	\$481,192.00	\$0.00	\$873,149.37	01/02/2018	12/31/2018	12/31/2018	APP
865523	AE35279-017	01/18/2018	Westside Purple Line Extension Section 3 Project - Proje	\$286,495.87	\$1,039,735.00	\$0.00	\$1,326,230.87	01/18/2018	06/30/2018	06/30/2018	APP
100001	AE35279-018	01/29/2018	Workforce Initiative Now - Los Angeles (WINLA) Technic	\$111,514.88	\$173,096.67	\$0.00	\$284,611.55	02/01/2018	06/30/2018	06/30/2018	APP
205108	AE35279-019	02/08/2018	Project Management Support on State of Good Repair an	\$56,487.33	\$100,000.00	\$0.00	\$156,487.33	02/12/2018	06/30/2018	06/30/2018	APP
205115	AE35279-019	02/08/2018	Project Management Support on State of Good Repair an	\$0.00	\$100,000.00	\$0.00	\$100,000.00	02/12/2018	06/30/2018	06/30/2018	APP
405509	AE35279-019	02/08/2018	Project Management Support on State of Good Repair an	\$10,946.20	\$32,665.00	\$0.00	\$43,611.20	02/12/2018	06/30/2018	06/30/2018	APP
210151	AE35279-019	02/08/2018	Project Management Support on State of Good Repair an	\$45,541.12	\$75,000.00	\$0.00	\$120,541.12	02/12/2018	06/30/2018	06/30/2018	APP
100800	AE35279-020	09/21/2018	Risk Management Support Services	\$99,436.00	\$0.00	\$0.00	\$99,436.00	09/21/2018	06/30/2019		APP
860228	AE35279-021	10/12/2018	Schedule Claims Avoidance Support Services	\$50,205.05	\$0.00	\$0.00	\$50,205.05	10/10/2018	12/31/2018		APP
460066	AE35279-022	09/24/2018	Regional Rail - Program Control Support Services	\$31,865.00	\$0.00	\$0.00	\$31,865.00	09/24/2018	06/30/2019		APP
212121	AE35279-022	09/24/2018	Regional Rail - Program Control Support Services	\$31,865.00	\$0.00	\$0.00	\$31,865.00	09/24/2018	06/30/2019		APP
460089	AE35279-022	09/24/2018	Regional Rail - Program Control Support Services	\$31,865.00	\$0.00	\$0.00	\$31,865.00	09/24/2018	06/30/2019		APP
210151	AE35279-023	09/24/2018	Program Management Support Services (PMSS) for New	\$213,349.00	\$0.00	\$0.00	\$213,349.00	09/24/2018	06/30/2019		APP
205108	AE35279-023	09/24/2018	Program Management Support Services (PMSS) for New	\$213,349.00	\$0.00	\$0.00	\$213,349.00	09/24/2018	06/30/2019		APP
205115	AE35279-023	09/24/2018	Program Management Support Services (PMSS) for New	\$213,349.00	\$0.00	\$0.00	\$213,349.00	09/24/2018	06/30/2019		APP
460300	AE35279-024	09/25/2018	Program Management Support Services for Eastside Acc	\$237,268.00	\$0.00	\$0.00	\$237,268.00	09/25/2018	12/30/2019		APP
465521	AE35279-025	11/09/2018	East San Fernando Valley Project (ESFV) Project Techni	\$428,282.00	\$0.00	\$0.00	\$428,282.00	11/09/2018	06/30/2019		APP
100800	AE35279-026	01/09/2019	Program Wide Activities - Contract Submittal Review Req	\$99,436.00	\$99,668.00	\$0.00	\$199,104.00	01/09/2019	06/30/2019		APP
865518	AE35279-027	01/18/2019	WPLE Section 1 PMSS - DRB Preparation and Presentat	\$52,250.00	\$0.00	\$0.00	\$52,250.00	01/14/2019	09/28/2019		APP
460305	AE35279-028	02/27/2019	Sepulveda Corridor Project P3 Technical Advisory Suppo	\$154,133.00	\$0.00	\$0.00	\$154,133.00	02/27/2019	06/30/2019		APP
Totals:				\$11,068,648.31	\$13,052,083.79	\$0.00	\$24,120,732.10				
Totals:				\$11,068,648.31	\$13,052,083.79	\$0.00	\$24,120,732.10				
Grand Totals:				\$11,068,648.31	\$13,052,083.79	\$0.00	\$24,120,732.10				



## DEOD SUMMARY

## PROGRAM MANAGEMENT SUPPORT SERVICES (PMSS)

**A. Small Business Participation**

Kal Krishnan Consulting Services/TriunityJoint Venture (KTJV), a Disadvantaged Business Enterprise (DBE) Prime Joint Venture, made a 73.31% DBE commitment. The project is currently in the first two years of funding on a five-year base contract or 20% complete and KTJV's current DBE participation is 72.98%, which represents a 0.33% shortfall. The current Contract Modification is seeking an increase to the total authorized funding and extending the period of performance through 2024. KTJV forecasts that the additional scopes of work to be performed by DBE's are expected to grow and will increase KTJV's level of DBE participation. KTJV anticipates meeting its DBE commitment over the life of the Contract.

Notwithstanding, Metro Project Managers and Contract Administrators, will work in conjunction with DEOD to ensure that KTJV is on schedule to meet or exceed its DBE commitment. Metro staff will request that KTJV submit an updated mitigation plan if KTJV is not on track to meet its small business commitment. Additionally, key stakeholders associated with the contract have been provided access to Metro's tracking and monitoring system to ensure that all parties are actively tracking Small Business progress.

<b>Small Business Commitment</b>	<b>73.31% DBE</b>	<b>Small Business Participation</b>	<b>72.98% DBE</b>
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	<b>DBE Contractors</b>	<b>Ethnicity</b>	<b>% Committed</b>	<b>% Participation</b>
1.	KKCS (JV Partner / DBE Prime)	Subcontinent Asian	TBD	32.20%
2.	Triunity (JV Partner / DBE Prime)	African American	TBD	13.95%
3.	Armand Resource Group, Inc.	African American	TBD	7.16%
4.	Lenax Construction	Caucasian Female	TBD	7.86%
5.	LKG-CMC, Inc.	Caucasian Female	TBD	1.59%
6.	MBI Media	Caucasian Female	TBD	0.00%
7.	Ogx Consulting	African American	TBD	0.00%
8.	Ramos Consulting	Hispanic American	TBD	2.35%
9.	Stellar Services, Inc.	Asian Pacific American	TBD	1.43%
10.	Destination Enterprises, Inc.	Caucasian Female	TBD	6.44%
<b>Total</b>			<b>73.31%</b>	<b>72.98%</b>

**B. Living Wage and Service Contract Worker Retention Policy Applicability**

The Living Wage and Service Contract Worker Retention Policy is not applicable to this Contract.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to this Modification.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy (PLACCP) is not applicable to this Contract. PLACCP is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.

## CURRENT AND ANTICIPATED LIST OF PROJECTS

**Program-wide Support**

Measure M Program Support  
 Policy/Procedure Streamlining  
 Project Management Information System  
 Implementation of Construction Management Best Practices

**Major Transit Construction**

Crenshaw/LAX Light Rail Transit: Construction  
 Regional Connector: Construction  
 Westside Purple Line Extension Section 1 Project  
 Westside Purple Line Extension Section 2 Project  
 Westside Purple Line Extension Section 3 Project  
 Gold Line Foothill Extension Phase 2B Project  
 Orange Line Bus Rapid Transit Improvements  
 West Santa Ana Branch Transit Project  
 East San Fernando Valley Transit Project

**Misc. Capital Projects**

Patsaouras Bus Plaza Paver Retrofit  
 Division 20 Portal Widening Turnback Facility  
 Division 22 Paint and Body Shop  
 Rail to Rail Corridor Active Transportation Connector  
 Metro Eastside Access Improvements Project  
 Airport Metro Connector Project

**Security/Safety**

Metro Gold Line I-210 Barrier Replacement Phase I  
 Metro Emergency Security Operations Center

**Rail Facilities Improvements**

Southwestern Maintenance Yard  
 Systemwide Elevator Installations (Vertical Systems)  
 Light Rail Transit Freeway Stations Sound Enclosures  
 Metro Red Line Civic Center Station Escalator/Elevator Modernization  
 Willowbrook/Rosa Parks Station Improvement

**Wayside Systems**

Metro Blue Line Pedestrian Safety Enhancement at Grade Crossings  
 Metro Blue Line Track and System Refurbishment  
 Metro Blue Line Signal System Rehabilitation

**Bus Facilities Improvements**

Bus Rapid Transit Freeway Station Sound Enclosure  
 Metro Silver Line Improvements & Upgrades  
 Division 1 Improvements  
 Bus Facility Maintenance Improvements & Enhancements Phase II & Phase III  
 Patsaouras Plaza Bus Station Construction

**Regional Rail**

LINK Union Station Project  
 Doran Street and Broadway/Brazil Safety and Access Project  
 Brighton to Roxford Double Track Project  
 Rosecrans/Marquardt Grade Separation Project  
 Lone Hill to White Double Track Project

**Soundwall Projects**

Soundwall Package 10  
 Soundwall Package 11

**Highway**

I-5 South – Valley View Interchange  
 I-5 South – Shoemaker, Rosecrans, Bloomfield  
 I-5 South – San Antonio, Imperial Hwy and Orr Day  
 I-5 South – Florence  
 I-5 North – North of Buena Vista-South of Magnolia Blvd  
 I-5 North – Magnolia Blvd to SR 134  
 I-5 North HOV Project SR 14 to Parker Road  
 I-605 Corridor Hot Spots – I-605/I-5 Interchange Improvement  
 I-605 Corridor Hot Spots – I-605/SR 60 Interchange Improvement  
 I-605 Corridor Hot Spots – SR-91 Westbound Widening at I-605 Interchange  
 I-605 – Beverly Interchange Improvement Project  
 I-605 from SR-91 to South St. Improvements Project  
 I-405 Crenshaw Blvd On and Off Ramp Improvements  
 I-710 (South) Corridor Improvement Projects  
 I-710 (South) Early Action Projects - Soundwall Projects  
 I-710 (North) Corridor EIR/EIS  
 I-605/Valley Boulevard Interchange Improvements  
 SR-60/7th Avenue Interchange Improvements  
 EB SR-91 Atlantic Avenue to Cherry Avenue Auxiliary Lane Improvements  
 I-405 Auxiliary Lanes - Artesia Blvd to I-105  
 SR-710 (North) TSM/TDM  
 SR-710 (North) Mobility Improvement Projects  
 SR 57 and SR 60 Mixed Flow Interchange  
 SR 71: Interstate 10 to Mission Blvd  
 SR 71: Mission Blvd to Rio Rancho Road

**Environmental Compliance Program**

Fuel Storage Tank Program  
 Soil Remediation  
 Energy Conservative Initiative Project  
 Sustainability Environmental Compliance  
 Carbon Emissions Greenhouse